| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 93 | (370/395.51).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 10:31 |
| S2 | 0 | ((370/395.51).CCLS.) and "e1" same ("STM-1" or "STM 1") same trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 10:32 |
| S3 | 4 | ((370/395.51).CCLS.) and "e1" and ("STM-1" or "STM 1") and trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 10:33 |
| S4 | 2 | ((370/395.51).CCLS.) and "e1" and ("STM-1" or "STM 1") and threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 10:36 |
| S5 | 3 | "e1" and ("STM-1" or "STM 1") and threshold and backhaul and trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 10:38 |
| S6 | 5 | "e1" and ("STM-1" or "STM 1") and threshold and backhaul | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 10:40 |
| S7 | 5 | (("t1" or "T-1") or ("e1" or E-1)) and ("STM-1" or "STM 1") and threshold and backhaul | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 10:44 |
| S8 | 4 | (("t1" or "T-1") or ("e1" or E-1)) and ("STM-1" or "STM 1") same threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 10:46 |
| S9 | 919 | (370/535).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 10:46 |
| S10 | 7 | ((370/535).CCLS.) and trunk and threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 10:50 |
| S11 | 88 | ((370/535).CCLS.) and trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 11:03 |

| S12 | 690 | (370/537).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 11:03 |
|---|---|---|---|---|---|---|
| S13 | 0 | ("I12andtrunk").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 11:03 |
| S14 | 44 | ((370/537).CCLS.) and trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 11:25 |
| S15 | 136 | (370/539).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 11:25 |
| S16 | 0 | ("I36andtrunk").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 11:25 |
| S17 | 13 | "I36" and trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 11:26 |
| S18 | 93 | (370/540).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 11:27 |
| S19 | 17 | ((370/539).CCLS.) and trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 11:28 |
| S20 | 17 | (((370/539).CCLS.) and trunk) and trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 11:30 |
| S21 | 64 | (370/541).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 11:31 |
| S22 | 139 | (370/542).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 11:30 |

| S23 | 54 | (370/543).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 11:30 |
|---|---|---|---|---|---|---|
| S24 | 150 | (370/545).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 11:30 |
| S25 | 11 | ((370/541).CCLS.) and trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 11:34 |
| S26 | 11 | ((370/542).CCLS.) and trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 11:36 |
| S27 | 2 | ((370/543).CCLS.) and trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 11:36 |
| S28 | 18 | ((370/545).CCLS.) and trunk | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 12:26 |
| S29 | 2 | ("4,899,337").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 12:50 |
| S30 | 1 | "4477898".PN. | USPAT | OR | OFF | 2004/09/08 12:28 |
| S31 | 1 | "4528660".PN. | USPAT | OR | OFF | 2004/09/08 12:28 |
| S32 | 1 | "4768188".PN. | USPAT | OR | OFF | 2004/09/08 12:28 |
| S33 | 1 | (Statistical adj time adj division adj multiplexer) same ("t1" or "t-1") or ("E1" or "e1") same (cable adj station) same (Central adj office) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 12:53 |
| S34 | 2 | (Statistical adj time adj division adj multiplexer) and ("t1" or "t-1") or ("E1" or "e1") same (cable adj station) same (Central adj office) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 12:55 |
| S35 | 2 | (Statistical adj time adj division adj multiplexer) and ("t1" or "t-1") or ("E1" or "e1") and ("stm-1" or "stm 1" or "stm-1") and (cable adj station) and (Central adj office) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 12:57 |

| S36 | 0 | (Statistical adj time adj division adj multiplexer) and (("t1" or "t-1") or ("E1" or "e1")) and ("stm-1" or "stm 1" or "stm-1") and (cable adj station) and (Central adj office) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 12:58 |
|-----|-----|-----|-----|-----|-----|-----|
| S37 | 11 | (cable adj station) same (Central adj office) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 13:08 |
| S38 | 2 | (underwater adj cable) and (central adj office) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 13:10 |
| S39 | 4 | (underwater with cable) and (central adj office) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 13:11 |
| S40 | 0 | ("under-water" with cable) and (central with office) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 13:12 |
| S41 | 4 | ("underwater" with cable) and (central with office) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 14:16 |
| S42 | 5 | statistical with multiplex$ and ("E1" or "E-1" ) same ("STM-1" or "stm1" or "stm 1") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 13:40 |
| S43 | 14 | statistical with multiplex$ and ("E1" or "E-1" ) and ("STM-1" or "stm1" or "stm 1") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 13:40 |
| S44 | 4 | (underwater with cable) and (central with office) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2004/09/08 14:04 |
| S45 | 981 | (370/535).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 16:23 |
| S46 | 157 | (370/539).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 16:23 |
| S47 | 148 | (370/542).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 16:24 |

| S48 | 151 | (370/907).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2005/03/10 16:24 |
|---|---|---|---|---|---|---|
| S49 | 40 | S45 and ("e1" or "t1") same (sonet or sts$3 or stm$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/10 17:07 |
| S50 | 65 | S45 and add with drop with multiplexer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/10 17:09 |
| S51 | 22 | S46 and ("e1" or "t1") same (sonet or sts$3 or stm$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/10 17:13 |
| S52 | 31 | S46 and add with drop with multiplexer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/10 17:27 |
| S53 | 1 | S47 and ("e1" or "t1") same (sonet or sts$3 or stm$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/10 17:30 |
| S54 | 6 | S47 and add with drop with multiplexer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/10 17:50 |
| S55 | 33 | S48 and ("e1" or "t1") same (sonet or sts$3 or stm$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/10 17:30 |
| S56 | 38 | S48 and add with drop with multiplexer | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/03/10 17:50 |
| S57 | 2 | ("5,754,545").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/06/30 11:01 |
| S58 | 592 | add adj drop adj multiplex$4 same (rate or speed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/06/30 14:01 |
| S59 | 0 | add adj drop adj multiplex$4 same multirate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/06/30 11:08 |

| S60 | 4 | add adj drop adj multiplex$4 and multirate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/06/30 11:08 |
|---|---|---|---|---|---|---|
| S61 | 391 | add adj drop adj multiplex$4 same (rate or speed) and high and low | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/06/30 14:00 |
| S62 | 41 | add adj drop adj multiplex$4 same (rate or speed) and groom | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/06/30 15:06 |
| S63 | 10 | terminal adj multiplex$4 same (rate or speed) and groom | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/06/30 16:59 |
| S64 | 7 | high adj (speed or rate or capacity) same low adj (speed or rate or capacity) same groom | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/06/30 17:00 |
| S65 | 0 | add adj drop adj multiplex$3 same (ring or loop) same (balance near2 load) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 09:31 |
| S66 | 22 | add adj drop adj multiplex$3 same (ring or loop) and (balance near2 load) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 09:36 |
| S67 | 28 | add adj drop adj multiplex$3 and (ring or loop) and (balance near2 load) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 10:03 |
| S68 | 1 | add adj drop adj multiplex$3 and (ring or loop) and (balance near2 load) same threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 10:04 |
| S69 | 1 | add adj drop adj multiplex$3 and (balance near2 load) same threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 10:04 |
| S70 | 117 | add adj drop adj multiplex$3 and (traffic or capacity) same threshold | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 11:04 |

| S71 | 0 | add adj drop adj multiplex$3 same central adj office same cable adj station | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 11:05 |
|---|---|---|---|---|---|---|
| S72 | 0 | add adj drop adj multiplex$3 same central adj office and add adj drop adj multiplex same cable adj station | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 11:06 |
| S73 | 80 | add adj drop adj multiplex$3 same central adj office | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 11:11 |
| S74 | 1 | add adj drop adj multiplex$3 same cable adj station | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 11:08 |
| S75 | 25 | multiplex$3 same cable adj station | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 11:38 |
| S76 | 0 | multiplex$3 same cable adj station and multiplex same central adj office | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 11:11 |
| S77 | 0 | add adj drop adj multiplex$3 same central adj office and cable adj station | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 11:11 |
| S78 | 180 | multiplex$3 same cable adj3 station | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 11:38 |
| S79 | 182 | multiplex$3 same cable near2 station | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 12:05 |
| S80 | 4 | cable near land$3 near station with multiplex$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/07/01 12:06 |
| S81 | 2 | ("5,854,698").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/01 13:14 |
| S82 | 1 | "5299055".PN. | USPAT; USOCR | OR | ON | 2005/07/01 12:07 |
| S83 | 1 | "5760934".PN. | USPAT; USOCR | OR | ON | 2005/07/01 12:07 |

| | | | | | | |
|---|---|---|---|---|---|---|
| S84 | 2 | ("5,745,545").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/01 13:15 |
| S85 | 2 | ("5,754,545").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/01 13:15 |
| S86 | 0 | ("addadjdropadjmultiplexsame(rat eorcapacity)").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/07/01 14:32 |
| S87 | 611 | add adj drop adj multiplex$3 same (rate or capacity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/01 14:33 |
| S88 | 103 | add adj drop adj multiplex$3 same east same west | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/01 14:35 |
| S89 | 0 | add adj drop adj multiplex$3 same rate adj adaptation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/01 14:35 |
| S90 | 2 | add adj drop adj multiplex$3 same (rate adj adapt$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/01 14:38 |
| S91 | 1 | terminal adj3 multiplex$3 and add adj drop adj multiplex$3 same (rate adj adapt$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/01 14:39 |
| S92 | 48 | terminal adj3 multiplex$3 and add adj drop adj multiplex$3 same (rate or capacity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/01 15:53 |
| S93 | 28 | central adj office with add adj drop adj multiplexer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2005/07/01 15:54 |